Manitoba

Annual Report
1999 - 2000

Sustainable Development Innovations Fund

Includes 10% post-consumer waste

101-00315/

MINISTER OF CONSERVATION

Legislative Building
Winnipeg, Manitoba, CANADA
R3C 0V8

The Honourable Peter M. Liba, C.M.
Lieutenant Governor of Manitoba
Government House
Winnipeg, Manitoba

Your Honour:

I am pleased to present you with the Annual Report of the Sustainable Development Innovations Fund for the period of April 1, 1999 to March 31, 2000.

Yours truly,

Oscar Lathlin
Minister

Manitoba 2000
Our Past. Our Future. Our Celebration.
Notre passé. Notre avenir. Notre fête.

Manitoba

Conservation

Sustainable Development
Coordination Unit

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The Honourable Oscar Lathlin
Minister of Conservation
333 Legislative Building
Winnipeg MB R3C 0V8

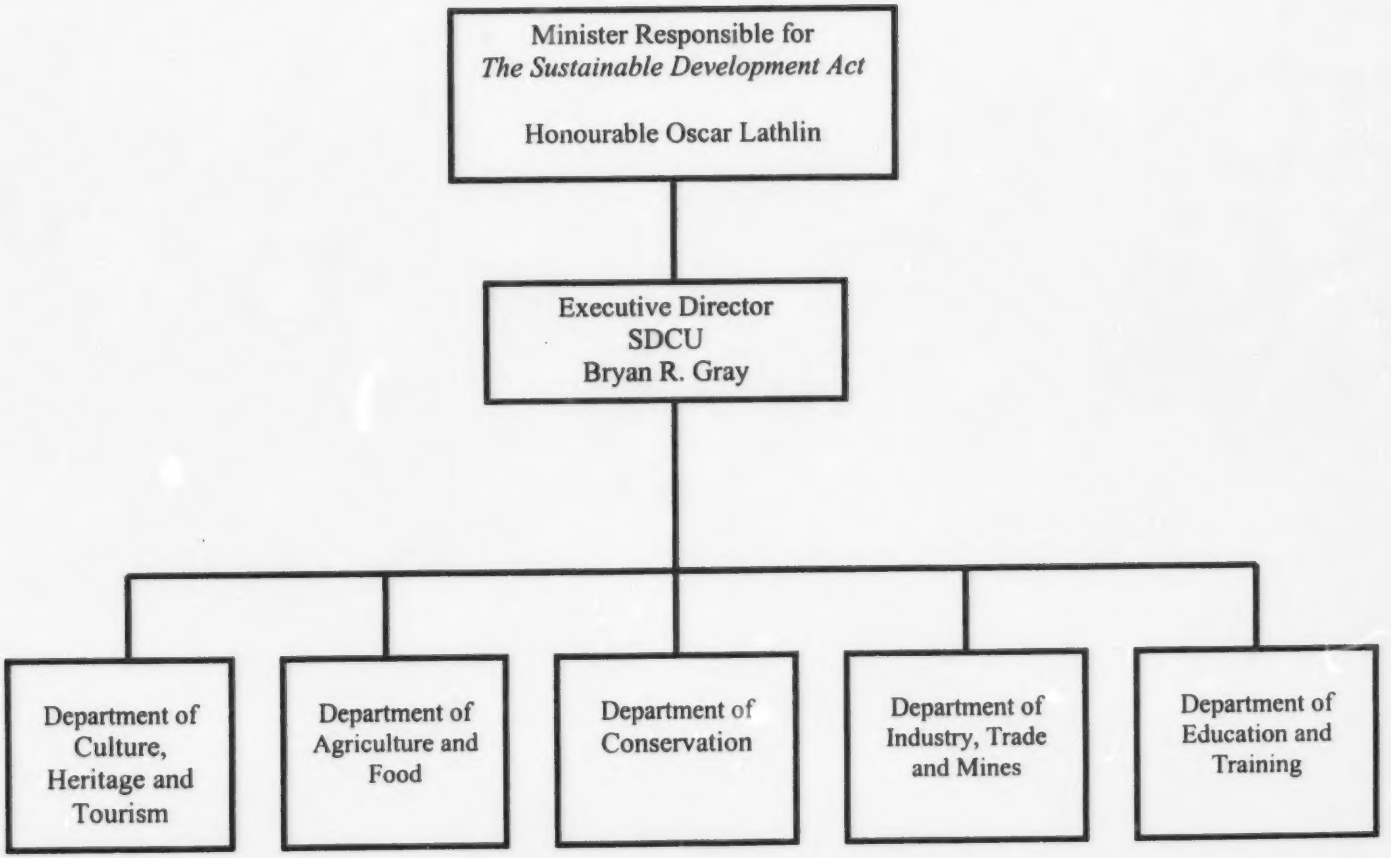
Dear Sir:

It is my pleasure to present the Annual Report of the Sustainable Development Innovations Fund for the fiscal year 1999 – 2000.

Respectfully submitted,

Bryan R. Gray
Executive Director

SUSTAINABLE DEVELOPMENT INNOVATIONS FUND
ORGANIZATION CHART
EFFECTIVE MARCH 31, 2000



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PREFACE

Organization of Report

The format of the 1999/2000 Annual Report is similar to the 1998/1999 Annual Report in that funded projects are presented by *category* rather than by administering department.

Projects are listed in the following categories:

- eco-tourism
- education
- energy conservation/supply
- natural environment
- sustainable agriculture
- sustainable development policy
- waste management
- water conservation/supply

Purpose

The Sustainable Development Innovations Fund was created in October 1989 to provide financial assistance towards development, implementation and promotion of innovative projects, activities, research and developments, which support sustainable development. The Fund was continued under *The Sustainable Development Act*, proclaimed July 1, 1998.

The purpose of the Fund is to provide grants in support of innovative projects, activities, research and developments that further the sustainability of Manitoba's economy, environment, human health and social well-being, and support sustainable economic growth. The Fund encourages creation of partnerships to make a contribution to improving our environment, economy, health and community well-being.

Projects qualifying for support:

- must be consistent with the principles and guidelines of sustainable development (see Appendix I);
- should be unique, innovative and further the sustainability of Manitoba's environment, economy, human health and social well-being;
- should be located in, originate in or directly benefit the Province of Manitoba;
- should include a high level of community and stakeholder involvement;
- there should be a demonstrated need for the project;
- should demonstrate financial self-sufficiency after the funding expires;
- should demonstrate, if proponents requesting funding for conferences, seminars or workshops, that they will produce enhanced multi-sectoral cooperation and consultations that address sustainable development subject matter; and
- must identify regulatory requirements of the project (if any) prior to receiving funding.

Source of Revenue

Revenue for the fund is derived from an environmental protection tax on glass liquor bottles and disposable diapers.

Process

The Sustainable Development Coordination Unit (SDCU) with the cooperation of provincial government departments administers the Sustainable Development Innovations Fund. Proposals are submitted to the SDCU and assessed by government departments prior to submission to the Sustainable Development Committee of Cabinet for review and approval. Projects over $25,000 are forwarded to Treasury Board for approval.

Communication

The Sustainable Development Innovations Fund is promoted through the following activities:

- Manitoba Round Table publications and newsletter
- Manitoba Round Table activities (speaking engagements, etc.)
- Sustainability web site – http://www.susdev.gov.mb.ca
- Community events, trade shows, exhibitions
- Ministerial announcement of funded projects
- News releases
- Acknowledgement in publications, printed material, and signage of funded projects
- Listing in Funding Directories
- Provincial government offices and staff
- Word of mouth

Forty-two new projects were approved for funding in 1999/2000, expending a total of $1,309,533.51. Twenty-seven projects were carried over from previous fiscal years, expending a total of $324,326.15 in 1999/2000. A total amount of $1,633,859.66 was expended against a total of $3,400,000.00. Presented below is a summary of project expenditures falling under the eleven categories.

Eco-tourism:

There were no projects funded during the 1999/2000 fiscal year in the eco-tourism category. The objectives in this category are to ensure ecosystems within the province are preserved and maintained, while educating the public and providing economic benefits to the area through tourism. Projects should illustrate integration of environmental and economic decision making, stewardship of the environment and economy; enhancement of the capability, quality and capacity of our natural ecosystems; and conservation of the ecological processes and biological diversity of our environment.

Education:

A total of $103,636.00 was expended in 1999/2000 for four projects described in the education category. Projects included activities such as research, education and training, seminars, workshops, conferences and interpretive development. These projects promote the scientific and technological knowledge essential to further understanding of sustainable development; inform the public on our global responsibility; and educate Manitobans on the balance between today's decisions and tomorrow's impacts.

Energy Conservation/Supply:

There were no projects funded during the 1999/2000 fiscal year in the energy conservation and supply category. Projects in this category should reflect the principle of conservation, as well as wise and efficient use of our renewable resources, and scientific and technological innovation in the development, testing and implementation of energy saving technologies.

Natural Environment:

A total of $92,021.23 was expended in 1999/2000 for seven projects in the natural environment category. Natural environment projects include, but are not limited to, riverbank restoration and mitigation, river clean up, shoreline mitigation, fisheries, habitat, mining and wildlife. The projects in this category illustrate the restoration of damaged or degraded environments to beneficial uses; enhancement of our natural resources; and maintenance of our ecological processes and biological diversity. They also recognize that a balance must be taken into account between the decisions we make today and the impact on future generations.

Sustainable Agriculture:

A total amount of $44,000.00 was expended in 1999/2000 for three projects related to sustainable agriculture. Sustainable agriculture projects include, but are not limited to, planting, harvesting, marketing, and processing of crops, vegetables and fruit; the use/non-use of pesticides, herbicides and insecticides; soil conservation; and sustainable agriculture practices. These projects illustrate the principles of conservation, stewardship, scientific and technological innovation and integration of environmental and economic decisions.

Sustainable Development Policy:

There were no new projects funded in 1999/2000 relating to sustainable development policy. Projects included in this category relate to provincial sustainable development events, activities, studies, consultations, and policy development. The projects should reflect the principles of integration of environmental and economic decisions, stewardship, prevention, shared responsibility and global responsibility.

Urban/Community Environment:

A total of $240,314.84 was expended in 1999/2000 for eighteen projects in the urban/community environment category. These projects include landscaping, tree planting, forest preservation/maintenance, trail development and implementation, housing issues, and recreation related activities. The projects reflect stewardship of our environment, shared responsibility, enhancement and rehabilitation and reclamation.

Waste Management:

A total amount of $104,804.00 was expended in the 1999/2000 fiscal year for six waste management projects. Waste management projects include activities associated with innovative recycling and waste minimization. The projects illustrate integration of environmental and economic decision making, stewardship and waste minimization.

Water Conservation/Supply:

There were no projects funded during the 1999/2000 fiscal year in the water conservation/supply category. Projects in this category include the wise and efficient use of our renewable resources; and scientific and technological innovation in the development, testing and implementation of water saving technologies.

Broad Allocations:

Broad Allocations totalled $450,000.00 for 1999/2000. An amount of $198,356.74 was expended out of the total allocation for the Environmental Industries Development Initiative (EIDI) and Environmental Youth Corps programs.

Tax Equivalency Grants:

Tax equivalency grants for the Manitoba Product Stewardship Program (MPSP) and the Used Tire Stewardship Program totalled $526,400.70 in 1999/2000. Funds allocated for these two programs are determined by the amount of Provincial Tax that is collected relative to the Waste Reduction and Prevention Act (WRAP) levy on certain beverage containers and new tires.

Table 1 summarizes the projects by category.

Table 1: Summary of Projects by Category

Project Category	Number of Projects Allocated Funding in 1999/2000	Amount Expended
Eco-tourism	0	$ 0.00
Education	4	$ 103,636.00
Energy Conservation/Supply	0	$ 0.00
Natural Environment	7	$ 92,021.23
Sustainable Agriculture	3	$ 44,000.00
Sustainable Development Policy	0	$ 0.00
Urban/Community Environment	18	$ 240,314.84
Waste Management	6	$ 104,804.00
Water Conservation/Supply	0	$ 0.00
Broad Allocations: - Environmental Industries Development Initiative (EIDI) - Environmental Youth Corps (EYC)	2	$ 198,356.74
Tax Equivalency Grants: - Manitoba Product Stewardship Program - Used Tire Stewardship Program	2	$ 526,400.70
Total for New Projects	42	$1,309,533.51
Projects Carried Over into 1999/00	27	$ 324,326.15

EDUCATION

PROJECTS ALLOCATED FUNDING

DURING THE 1999/2000 FISCAL YEAR

Number of Projects: 4

Total Amount Expended: $ 103,636.00

Project Name	Total Expended
17th Annual International Peace Festival	$ 1,000.00
Direct Ammonia/Ammonium Utilization by Plants	$ 6,500.00
Education on Natural Environment	$ 10,000.00
Integrating Aboriginal Values into Land-Use and Resource Management	$ 86,136.00

EDUCATION

DETAILED LISTING OF PROJECTS ALLOCATED

FUNDING DURING THE 1999/2000 FISCAL YEAR

17TH ANNUAL INTERNATIONAL PEACE FESTIVAL

Proponents Are: International Peace Festival Committee
Date Approved: April 27, 1999
Total Amount Approved: $ 1,000.00
Total Amount Expended: $ 1,000.00
Administered By: Manitoba Culture, Heritage and Tourism

Summary:

A grant of $1,000.00 was approved April 27, 1999, to provide support for the 17th Annual International Peace Festival at the International Peace Gardens. The proponents are a committee of volunteers that was established to commemorate and symbolize peaceful relations between Canada and the United States. The funding was used to assist with the costs of printing brochures, programs and posters as well as food for the weekend. There was a workshop on developing a sustainable lifestyle towards an ecovillage and speakers that gave talks on such items as sustainable agriculture, bioregionalism, the labour movement and how it relates to peace, and intercultural issues.

DIRECT AMMONIA/AMMONIUM UTILIZATION BY PLANTS

Proponents Are: ECOMatters Inc.
Date Approved: April 13, 1999
Total Amount Approved: $ 6,500.00
Total Amount Expended: $ 6,500.00
Administered By: Manitoba Conservation

Summary:

ECOMatters Inc. is conducting a literature review of agricultural, forestry, and botany literature to identify situations where plants tolerate and immobilize ammonia. The project's focus is to investigate the feasibility of using plants to capture and utilize ammonia/ammonium from agricultural manure sources. The objective is to find some role for plants that decreases ammonia emissions from agriculture and provides added value. The project focuses on the notion that plants may be used to mediate ammonia emissions from farms. This will be based on further investigation, with support from Environment Canada, on the uptake and toxicity of ammonia transferred from air to plants. This investigation will assist in the development of emission standards for ammonia in Canada, including ammonia from agricultural sources. This project will be completed by March 31, 2001.

EDUCATION ON NATURAL ENVIRONMENT

Proponents Are: Shingibis Band Council
Date Approved: July 13, 1999
Total Amount Approved: $ 10,000.00
Total Amount Expended: $ 10,000.00
Administered By: Manitoba Conservation

Summary:

A grant of $10,000.00 was approved on July 13, 1999, to support the Education on Natural Environment project. The Shingibis Band Council plans to write and publish five hundred copies of an environmental booklet to be used as a guide to educate the community on the benefits associated with a clean environment. The educational value of this booklet may be very high and could influence members of the community to take greater pride in their environment.

INTEGRATING ABORIGINAL VALUES INTO LAND-USE AND RESOURCE MANAGEMENT

Proponents Are: International Institute for Sustainable Development (IISD)
Date Approved: July 22, 1999
Total Amount Approved: $ 86,136.00
Total Amount Expended: $ 86,136.00
Administered By: Manitoba Conservation

Summary:

A grant of $86,136.00 was approved on July 22, 1999, to support the Integrating Aboriginal Values into Land-Use and Resource Management project, using an innovative methodology called Appreciative Inquiry, to determine First Nations values regarding the forest landscape of Northern Manitoba. The results of this process will be communicated to decision-makers in government and the forest industry through video presentations and focus-group meetings. This initiative will advise on ways to integrate Aboriginal values into sustainable forest management.

NATURAL ENVIRONMENT

PROJECTS ALLOCATED FUNDING

DURING THE 1999/2000 FISCAL YEAR

Number of Projects: 7

Total Amount Expended: $92,021.23

Project Name	Total Expended
International Flood Mitigation Initiative	$ 34,998.73
La Salle River Clean-up Project, Phase II	$ 7,722.50
Rehabilitation of Water and Wildlife on the Creeks that Run into Waterhen Lake	$ 12,000.00
Restoration and Preservation of Silver Beach Lake	$ 8,000.00
Seal Abandoned Wells	$ 2,500.00
Stabilization of St. Benedict's Riverbank	$ 1,800.00
Tree Banding – "Jump on the Bandwagon"	$ 25,000.00

NATURAL ENVIRONMENT

DETAILED LISTING OF PROJECTS ALLOCATED

FUNDING DURING THE 1999/2000 FISCAL YEAR

INTERNATIONAL FLOOD MITIGATION INITIATIVE

Proponents Are: Manitoba Conservation
Date Approved: July 13, 1999
Total Amount Approved: $ 35,000.00
Total Amount Expended: $ 34,998.73
Administered By: Manitoba Conservation

Summary:

The objective of this initiative is to bring together senior decision makers, and opinion leaders from throughout the Red River Valley; and using the 1997 flood event as the starting point, attempt to develop a broad consensus on future flood mitigation in the valley. (Consensus building techniques of the North Dakota Consensus Council will be used.) A number of meetings of the IFMI Council in Manitoba, as well as, a number of public meetings will be held in several Manitoba communities.
Manitoba's participation in this exercise is important to:

- monitor Canada's direction on future flood mitigation (Canada is also an IFMI participant);
- assist in directing the agenda of the IFMI (as there are North Dakota interests on the Council promoting a Devils Lake outlet); and
- ascertain potential useful and innovative approaches to future flood mitigation.

LA SALLE RIVER CLEAN UP PROJECT, PHASE II

Proponents Are: Rural Municipality of Cartier
Date Approved: May 18, 1999
Total Amount Approved: $ 9,500.00
Total Amount Expended: $ 7,722.50
Administered By: Manitoba Conservation

Summary:

A grant of $ 9,500.00 was approved on May 18, 1999, to continue a clean up of the La Salle River in the Rural Municipality of Cartier. The project will help to improve the La Salle River and should increase the recreational activities in the area. The project is complete and $1,777.50 was returned to the Fund.

REHABILITATION OF WATER AND WILDLIFE ON THE CREEKS THAT RUN INTO WATERHEN LAKE

Proponents Are: Enniship First Nation
Date Approved: May 18, 1999
Total Amount Approved: $ 12,000.00
Total Amount Expended: $ 12,000.00
Administered By: Manitoba Conservation

Summary:

A grant of $12,000.00 was approved on May 18, 1999, to support the Enniship First Nation's project to rehabilitate creeks running into Waterhen Lake. To date they have cleaned and removed debris from approximately five miles of the lake shore line and beach area and half of the riverbed. This effort will benefit the communities surrounding the area by bringing pride to the local residents and perhaps encourage more tourism to the area.

RESTORATION AND PRESERVATION OF SILVER BEACH LAKE

Proponents Are: Silver Beach Cottage Owners' Association
Date Approved: April 27, 1999
Total Amount Approved: $ 8,000.00
Total Amount Expended: $ 8,000.00
Administered By: Manitoba Conservation

Summary:

A grant of $8,000.00 was approved on April 27, 1999, to support the long-term remediation of the underlying problems with the water quality and recreational aspects of the lake. Over time, nutrient loading of the lake at Silver Beach has had a negative impact on the surface water quality. A consultant has prepared a basin management and rehabilitation plan that outlines specific plans and activities, time-lines for actions and estimated budget costs. The grant will be used to support the initiatives as outlined in this plan. Recreation, tourism, environmental and human health benefits will be obtained from this initiative.

SEAL ABANDONED WELLS

Proponents Are: Cooks Creek Conservation District No. 5
Date Approved: April 27, 1999
Total Amount Approved: $ 2,500.00
Total Amount Expended: $ 2,500.00
Administered By: Manitoba Conservation

Summary:

A grant of $2,500.00 was approved on April 27, 1999, to support the ongoing project to seal abandoned wells within the Cooks Creek Conservation District. Unsealed, abandoned wells pose a hazard to public safety and a threat to the quality of groundwater. The Conservation District sealed 25 abandoned wells in 1999 bringing the number of wells sealed since 1994 to over 125. The project helps to protect the water supply for the Conservation District that covers an area of 860 kilometers and has a population of 8,000 residents. The project is complete and the final report is on file.

STABILIZATION OF ST. BENEDICT'S RIVERBANK

Proponents Are: St. Benedict's Monastery, Retreat and Conference Centre
Date Approved: July 13, 1999
Total Amount Approved: $ 1,800.00
Total Amount Expended: $ 1,800.00
Administered By: Manitoba Conservation

Summary:

A grant of $ 1,800.00 was approved on July 13, 1999, to support a project for Stabilization of St. Benedict's Riverbank. The project includes seeding the riverbank and slopes with appropriate vegetative materials in order to beautify and stabilize the riverbank area of the property. This will help to reduce further erosion of the riverbank and prevent potential hazards. This project will be completed during the 2000/2001 fiscal year.

TREE BANDING – "JUMP ON THE BANDWAGON"

Proponents Are: Coalition to Save the Elms, Manitoba Inc.
Date Approved: April 27, 1999
Total Amount Approved: $ 25,000.00
Total Amount Expended: $ 25,000.00
Administered By: Manitoba Conservation

Summary:

A grant of $25,000.00 was approved on April 27, 1999, to support tree-banding services to individuals and communities thus protecting trees against the annual cankerworm invasion and to provide information about tree banding to the public. The Coalition banded over 3,500 trees and sold supplies to community groups and neighbourhoods to band approximately 2,000 more trees. In addition they disseminated information to municipalities and rural residents about cankerworm infestation, Dutch Elm Disease prevention and other tree care strategies. This will result in healthier trees, a reduction of the spring cankerworm outbreak and a reduction in trees becoming infected with the elm bark beetle that spreads Dutch Elm Disease. The project is complete and the final report is on file.

SUSTAINABLE AGRICULTURE

PROJECTS ALLOCATED FUNDING

DURING THE 1999/2000 FISCAL YEAR

Number of Projects: 3

Total Amount Expended: $ 44,000.00

Project Name	Total Expended
Disinfection of Biosolids to Produce Topsoil	$ 19,000.00
Earthshare Agricultural Cooperative of Central Americans Organic "Shared Farming" Program	$ 15,000.00
Sustainable Forage Cultivar Evaluation Under Dryland and Effluent Irrigation	$ 10,000.00

SUSTAINABLE AGRICULTURE

DETAILED LISTING OF PROJECTS ALLOCATED

FUNDING DURING THE 1999/2000 FISCAL YEAR

DISINFECTION OF BIOSOLIDS TO PRODUCE TOPSOIL

Proponents Are: University of Manitoba, Dr. Jan Oleskiewicz
Date Approved: April 13, 1999
Total Amount Approved: $ 38,000.00
Total Amount Expended: $ 19,000.00
Administered By: Manitoba Agriculture and Food

Summary:

The banning of the winter spreading of hog manure may lead to the limitation of wastewater biosolids land disposal to the summer months only which causes the problem of storage over the winter. The objective of the project is to demonstrate the feasibility of sewage biosolids being disinfected to produce an environmentally safe and sustainable form of topsoil. This is a two-year project with the first year being funded by the Sustainable Development Innovations Fund. The project is ongoing and the funds not expended in the 1999/2000 fiscal year were carried over into the 2000/2001 fiscal year.

EARTHSHARE AGRICULTURAL COOPERATIVE OF CENTRAL AMERICANS ORGANIC "SHARED FARMING" PROGRAM

Proponents Are: Earthshare Agricultural Cooperative of Central Americans Ltd.
Date Approved: April 27, 1999
Total Amount Approved: $ 15,000.00
Total Amount Expended: $ 15,000.00
Administered By: Manitoba Agriculture and Food

Summary:

A grant of $15,000.00 was approved April 27, 1999, to assist Earthshare Agricultural Cooperative of Central Americans Ltd. (Earthshare) in the relocation of the farm from Landmark to Anola in order to have access to additional agricultural land. Earthshare is now running the farm from their Anola site and things are going well. The farm produced an abundance of vegetables for harvesting by the shareholders. The project has been completed and a final report is on file.

SUSTAINABLE FORAGE CULTIVAR EVALUATION UNDER DRYLAND AND EFFLUENT IRRIGATION

Proponents Are: Parkland Crop Diversification Foundation
Date Approved: May 18, 1999
Total Amount Approved: $ 20,000.00
Total Amount Expended: $ 10,000.00
Administered By: Manitoba Agriculture and Food

Summary:

The objective of this project is to evaluate forage varieties, management and quality under effluent irrigation. The project will provide producers, industry and government(s) with data and recommendations of cropping systems that can be used under effluent irrigation in other communities in Manitoba. This is a four-year project with only the first year being funded by the Sustainable Development Innovations Fund. The 1999/2000 unexpended funds were carried over into the 2000/2001 fiscal year.

URBAN/COMMUNITY ENVIRONMENT

PROJECTS ALLOCATED FUNDING

DURING THE 1999/2000 FISCAL YEAR

Number of Projects: 18

Total Amount Expended: $ 240,314.84

Project Name	Total Expended
Beach Reconstruction Phase Two	$ 22,000.00
Building and Maintenance of the Wilson River Boat Launch	$ 6,962.00
Crescent Lake Bank Stabilization/Island Park Environmental Project	$ 20,000.00
Development of Infill Park	$ 7,000.00
Development of Riverton Icelandic River Park and Trail System	$ 16,912.84
École Van Belleghem – The Millennium Forest	$ 21,800.00
Gardening Club at Wolseley Family Place	$ 4,638.00
Goulter School Playground Native Prairie Nature Area	$ 0.00
Learners in Action: Making a Difference	$ 4,500.00
Lundar Beach Provincial Recreational Park Proposal	$ 25,000.00
Mantario Wilderness Trail	$ 14,530.00
Optimist Park Recreation Facility "Field of Dreams"	$ 25,000.00
Promotion of our Natural Prairie Heritage and Sustainable Development	$ 7,000.00
Russell Millennium Park	$ 25,000.00

Project Name	Total Expended
Silver Heights Sportsfield Renovation Project	$ 10,000.00
The Living Classroom	$ 13,747.00
Tourist Kiosk	$ 12,000.00
Wabowden Gardening and Nutrition Program	$ 4,225.00

URBAN/COMMUNITY ENVIRONMENT

DETAILED LISTING OF PROJECTS ALLOCATED

FUNDING DURING THE 1999/2000 FISCAL YEAR

BEACH RECONSTRUCTION PHASE TWO

Proponents Are: Pelican Lake Yacht Club/Rural Municipality of Riverside
Date Approved: May 18, 1999
Total Amount Approved: $ 22,000.00
Total Amount Expended: $ 22,000.00
Administered By: Manitoba Conservation

Summary:

A grant of $22,000.00 was approved on May 18, 1999, to support a beach reconstruction project at Pelican Lake. The Club built a retaining wall to protect the shoreline, a walkway to provide boat dockage for day use and created two beach areas for small recreational craft and fishing boats. This will benefit the residents and tourists alike by providing safe docking facilities and better fishing access and opportunities. The project is complete and the final report is on file.

BUILDING AND MAINTENANCE OF THE WILSON RIVER BOAT LAUNCH

Proponents Are: Dauphin Fish and Wildlife Association
Date Approved: May 18, 1999
Total Amount Approved: $ 6,962.00
Total Amount Expended: $ 6,962.00
Administered By: Manitoba Conservation

Summary:

A grant of $6,962.00 was approved on May 18, 1999, to support the Dauphin Fish and Wildlife Association's Wilson River boat launch project. The launch is a graded (sloped) launch into the Wilson River and is protected by Geo textile and Geo web at the base. The public boat launch on the Wilson River will provide a quality public access to the Wilson River estuary at Lake Dauphin. This project is complete and the final report is on file.

CRESCENT LAKE BANK STABILIZATION/ISLAND PARK ENVIRONMENTAL PROJECT

Proponents Are: City of Portage la Prairie
Date Approved: July 13, 1999
Total Amount Approved: $ 20,000.00
Total Amount Expended: $ 20,000.00
Administered By: Manitoba Conservation

Summary:

A grant of $20,000.00 was approved July 13, 1999, to support the continuation of the stabilization of the banks along Crescent Lake. The banks are eroding and are a hazard to the public. The funding is also to support the continuation of the enhancement of Island Park, Crescent Lake, Garrioch Creek and the surrounding park and wildlife sanctuary. The continuation of a limestone walkway, along with benches, garbage containers and associated landscaping, will support the enhancement of this area.

DEVELOPMENT OF INFILL PARK

Proponents Are: Many Faces Education Centre Youth Initiative Program
Date Approved: April 13, 1999
Total Amount Approved: $ 7,000.00
Total Amount Expended: $ 7,000.00
Administered By: Manitoba Conservation

Summary:

A grant of $ 7,000.00 was approved on April 13, 1999, to develop a slag-filled downtown site in Flin Flon into a green space reflective of the surrounding Boreal Forest. The land was donated and at-risk students provided the labour. This project provided students with the chance to contribute to the City and ultimately leave them with a sense of pride and self worth. The green space will enhance the downtown area and provide benefits to the health and well being of all residents.

DEVELOPMENT OF RIVERTON ICELANDIC RIVER PARK AND TRAIL SYSTEM

Proponents Are: Riverton-Bifrost Parks and Recreation Commission
Date Approved: April 13, 1999
Total Amount Approved: $ 16,912.84
Total Amount Expended: $ 16,912.84
Administered By: Manitoba Conservation

Summary:

A grant of $16,912.84 was approved on April 13, 1999, to support the development of the Riverton Icelandic River Park and Trail System. The activities planned consist of the replacement of a walking bridge, formation of the trail proper, planting trees, installation of garbage and recycling bins and placement of benches along the paths. This will give the area a positive atmosphere and provide residents and tourists with a safe, scenic route for recreational use.

ÉCOLE VAN BELLEGHEM – THE MILLENNIUM FOREST

Proponents Are: École Van Belleghem Parent Association
Date Approved: April 27, 1999
Total Amount Approved: $ 21,800.00
Total Amount Expended: $ 21,800.00
Administered By: Manitoba Conservation

Summary:

A grant of $21,800.00 was approved on April 27, 1999, to support the development of a millennium forest on the school grounds. Eighteen large specimen trees were planted in four groves surrounding the existing playground. The soil in the area was excavated, amended and topped with a thick layer of wood mulch. Security lighting bases and cables were installed. In the spring the Association will be adding concrete benches and more shrubbery. The millennium forest will provide a safe and sheltered outdoor learning environment for students, encourage community use of the facilities and discourage vandalism. This portion of the project is complete and the final report is on file.

GARDENING CLUB AT WOLSELEY FAMILY PLACE

Proponents Are: Wolseley Family Place
Date Approved: April 27, 1999
Total Amount Approved: $ 4,638.00
Total Amount Expended: $ 4,638.00
Administered By: Manitoba Conservation

Summary:

A grant of $4,638.00 was approved on April 26, 1999, to provide support for the Wolseley Family Place's gardening club project to provide a practical and educational summer program for nearby residents to cultivate an organic garden. The club set up a community garden, that provided a direct need for the participants, and gave them the emotional enjoyment of working outside with a group of peers.

GOULTER SCHOOL PLAYGROUND NATIVE PRAIRIE NATURE AREA

Proponents Are: Goulter School Advisory Council for School Leadership
Date Approved: April 13, 1999
Total Amount Approved: $ 7,791.36
Total Amount Expended: $ 0.00
Administered By: Manitoba Conservation

Summary:

A grant of $7,791.36 was approved on April 13, 1999, to support the Goulter School Advisory Council for School Leadership's project to develop a native prairie nature area on the school grounds. The proponent raised sufficient funds to complete the nature area without the grant from the Sustainable Development Innovations Fund (SDIF). The funds from the SDIF grant were returned to the Fund.

LEARNERS IN ACTION: MAKING A DIFFERENCE

Proponents Are: École Crane
Date Approved: May 18, 1999
Total Amount Approved: $ 4,500.00
Total Amount Expended: $ 4,500.00
Administered By: Manitoba Conservation

Summary:

A grant of $ 4,500.00 was approved on May 18, 1999, to support a project to provide shade for students and to develop a composting program at the school. Flowers, shrubs and trees were planted, trees and shrubs were pruned, and elm trees banded. This will provide shade for the students, lead to the enhancement of the community and promote school pride. A vermi-composting program was instituted and students are reducing garbage by turning lunch leftovers into fertilizer. These programs will enable students to apply science concepts in real life and will also provide environmental benefits to the community by greening.

LUNDAR BEACH PROVINCIAL RECREATIONAL PARK PROPOSAL

Proponents Are: Lundar Beach Committee
Date Approved: July 13, 1999
Total Amount Approved: $ 25,000.00
Total Amount Expended: $ 25,000.00
Administered By: Manitoba Conservation

Summary:

A grant of $25,000.00 was approved on July 13, 1999, to support the Lundar Beach Provincial Recreational Park Proposal. The Committee plans to provide power to ten more campsites and improve street lighting. Other improvements to the campground facilities include installing flush toilets and a new boat ramp. These improvements would contribute to increased tourism and provide indirect economic benefits to the local economy.

MANTARIO WILDERNESS TRAIL

Proponents Are: Manitoba Naturalists Society Inc., Friends of Mantario Trail
Date Approved: May 18, 1999
Total Amount Approved: $ 14,530.00
Total Amount Expended: $ 14,530.00
Administered By: Manitoba Conservation

Summary:

A grant of $14,530.00 was approved on May 18, 1999, to support the Mantario Wilderness Trail re-routing and improvements project. The south end of the trail and two new campsites have been tagged and cleared and campsite infrastructure installed. The north end of the trail was cleared and signed for about 10 km to the Hemenway campsite. Two volunteers cleared the Richie Lake campsite to the Mantario campsite. Relocating the trail at the south end, away from the new private road that crossed the original trail twice, will return the trail to a more natural state. Clearing of other trails will attract a larger portion of the community and therefore increase their use. The installation of campsite infrastructure at each campsite will increase comfort and provide cleaner, healthier campsites for all users. The project is complete and the final report is on file.

OPTIMIST PARK RECREATION FACILITY "FIELD OF DREAMS"

Proponents Are: St. James Assiniboia Minor Baseball Association Inc.
Date Approved: April 13, 1999
Total Amount Approved: $ 25,000.00
Total Amount Expended: $ 25,000.00
Administered By: Manitoba Conservation

Summary:

A grant of $25,000.00 was approved on April 13, 1999, to support the St. James Assiniboia Minor Baseball Association's project of upgrading the baseball diamonds at Optimist Park in St. James. The Association upgraded Diamond # 4 from the fence line to the outer edge of the infield by removing old material and replacing it with new sod and Shakopee diamond mix. The playing field was raised 8 inches to ensure proper drainage. On diamond # 5 the infield portion was raised, old materials removed and replaced with new sod and Shakopee diamond mix. Trees were planted along the north side of diamond # 4 to provide a windbreak. This portion of the overall project is complete and the final report is on file.

PROMOTION OF OUR NATURAL PRAIRIE HERITAGE AND SUSTAINABLE DEVELOPMENT

Proponents Are:	Parish of St. Timothy
Date Approved:	July 13, 1999
Total Amount Approved:	$ 7,000.00
Total Amount Expended:	$ 7,000.00
Administered By:	Manitoba Conservation

Summary:

A grant of $ 7,000.00 was approved on July 13, 1999, for the purchase of Manitoba prairie plants, shrubs and trees in support of the Parish of St. Timothy's, "Promoting Natural Prairie Heritage and Sustainable Development" project into the next Millennium by means of an Eco-Sanctuary. The Eco-Sanctuary will offer programs to enable both young and old to become more aware of the responsibility that we all have regarding the preservation of our native environment. Those interested will be able to discover how the concept of Sustainable Development can be connected to their daily lives by public education sessions and hands-on experience nurturing native Manitoba plants.

RUSSELL MILLENNIUM PARK

Proponents Are:	Town of Russell Millennium Committee
Date Approved:	May 18, 1999
Total Amount Approved:	$ 25,000.00
Total Amount Expended:	$ 25,000.00
Administered By:	Manitoba Conservation

Summary:

A grant of $25,000.00 was approved on May 18, 1999, to support the Town of Russell Millennium Committee's project for the development of a park area within the town. The Committee has completed landscaping by planting over 150 trees, seeding grass and putting in culverts and asphalt walkways. They have also erected the "walk of nations" flag poles and committed 18 of the 25 flagpoles available, to a variety of ethnic groups within the community. Utilization of the Park has been significant with many people using the walking paths on a daily basis. The committee plans to complete this project in the year 2000 by building a fire pit, concrete stairs and parking area.

SILVER HEIGHTS SPORTSFIELD RENOVATION PROJECT

Proponents Are: Silver Heights Community Centre Inc.
Date Approved: May 18, 1999
Total Amount Approved: $ 10,000.00
Total Amount Expended: $ 10,000.00
Administered By: Manitoba Conservation

Summary:

A grant of $10,000.00 was approved on May 18, 1999, to support the enhancement of the grounds at Silver Heights Community Centre. The Community Centre will provide volunteer labour for planting the trees and plants in a large shrub bed and will have summer students plant the hedge around the ballpark. The project will help improve the visual aesthetics and will benefit all residents of the area.

THE LIVING CLASSROOM

Proponents Are: Carman Elementary School Parent Advisory Council
Date Approved: May 18, 1999
Total Amount Approved: $ 13,747.00
Total Amount Expended: $ 13,747.00
Administered By: Manitoba Conservation

Summary:

A grant of $13,747.00 was approved on May 18, 1999, to support the Living Classroom Project at Carman Elementary School. The school has planted twenty-six new trees, relocated three large trees and rough graded a waste area, to be seeded in the year 2000 with various wildflowers for education and recreational purposes. This project will provide education for the children by providing them with hands on learning about their environment and will improve the aesthetics of the school area by providing a park like setting for all residents to enjoy.

TOURIST KIOSK

Proponents Are: Village of Dunnottar
Date Approved: April 27, 1999
Total Amount Approved: $ 12,000.00
Total Amount Expended: $ 12,000.00
Administered By: Manitoba Culture, Heritage and Tourism

Summary:

A grant of $12,000.00 was approved April 27, 1999, to assist with the construction of a tourist kiosk, repairs to the existing artesian well and printing of pamphlets and signs regarding the well. The purpose of the project is to attract more visitors to the area that includes Matlock, Ponemah and Whytewold, and enhance the beauty of the existing well while providing a panoramic view of Lake Winnipeg. The proponents expect the increase in visitors to contribute to the economic sustainability of the community.

WABOWDEN GARDENING AND NUTRITION PROGRAM

Proponents Are: Wabowden Community Council
Date Approved: April 13, 1999
Total Amount Approved: $ 4,225.00
Total Amount Expended: $ 4,225.00
Administered By: Manitoba Conservation

Summary:

A grant of $ 4,225.00 was approved on April 13, 1999, to support Wabowden Community Council's gardening and nutrition project to make repairs to a greenhouse, establish community gardens and instruct residents on how to grow a garden in order to promote healthier diets. Students will be instructed on how to establish plants and how to grow a satisfactory garden. These students are then expected to take their knowledge and proceed to utilize the community garden or develop a garden at their residence.

WASTE MANAGEMENT

PROJECTS ALLOCATED FUNDING

DURING THE 1999/2000 FISCAL YEAR

Number of Projects: 6

Total Amount Expended: $ 104,804.00

Project Name	Total Expended
Design Composite Stone Project	$ 25,000.00
Design Rubber Mats from Recycled Tires and Demonstrate in Northern Manitoba	$ 16,504.00
Household Waste Paint in Manitoba	$ 13,700.00
Overcoming Barriers to Construction and Demolition Waste Reduction in Manitoba	$ 25,000.00
Recycling of Asphalt Roofing Shingles	$ 18,350.00
Sustainable Development and Greening of the 1999 Pan Am Games, Year 3	$ 6,250.00

WASTE MANAGEMENT

DETAILED LISTING OF PROJECTS ALLOCATED

FUNDING DURING THE 1999/2000 FISCAL YEAR

DESIGN COMPOSITE STONE PROJECT

Proponents Are: Cambrian Stone Inc.
Date Approved: April 13, 1999
Total Amount Approved: $ 25,000.00
Total Amount Expended: $ 25,000.00
Administered By: Manitoba Industry, Trade and Mines

Summary:

A grant of $25,000.00 was approved April 13, 1999, to support the undertaking of a preliminary evaluation of the technology and marketplace requirements to produce composite stone products by effectively utilizing waste product from local quarries. The proponents have secured Italian technology to manufacture these products for the North American commercial/residential new and renovation markets. The proposed project has significant economic potential, is environmentally friendly and adheres to the principles of sustainable development.

DESIGN RUBBER MATS FROM RECYCLED TIRES AND DEMONSTRATE IN NORTHERN MANITOBA

Proponents Are: MATCAN/Harvey Wasiuta, Jeff Ross, Ashley Leibl
Date Approved: July 13, 1999
Total Amount Approved: $ 24,900.00
Total Amount Expended: $ 16,504.00
Administered By: Manitoba Industry, Trade and Mines

Summary:

The proponents have developed a system to manufacture rubber mats from recycled truck tires. A grant of $24,900.00 was approved July 13, 1999, to assist with a project to demonstrate the feasibility in Manitoba of utilizing rubber mats as temporary road surfaces in remote and environmentally sensitive areas. The demonstration project is being planned in conjunction with the Pine Falls Paper Company and Sagkeeng First Nation.

HOUSEHOLD WASTE PAINT IN MANITOBA

Proponents Are: Natural Resources Institute, University of Manitoba
Date Approved: July 13, 1999
Total Amount Approved: $ 13,700.00
Total Amount Expended: $ 13,700.00
Administered By: Manitoba Conservation

Summary:

The Natural Resources Institute is undertaking a study of current management strategies pertaining to waste paint and examining other jurisdictional options. The project intends to quantify the amount of waste paint currently in the Province of Manitoba and consider the amount that is generated on an annual basis. The current means of managing this volume will be assessed to determine the effectiveness of this system and identify areas for improvement and change. Additionally, in light of various technical, environmental, social and economic factors, the study will assess various other management alternatives and propose the most desirable option for the Province from a sustainable development perspective. The project is expected to be completed by December 31, 2000.

OVERCOMING BARRIERS TO CONSTRUCTION AND DEMOLITION WASTE REDUCTION IN MANITOBA

Proponents Are: Winnipeg Construction Association
Date Approved: April 13, 1999
Total Amount Approved: $ 25,000.00
Total Amount Expended: $ 25,000.00
Administered By: Manitoba Conservation

Summary:

The Manitoba Construction Environment Task Force, an industry-based organization, has been working to establish and demonstrate practical solutions to overcome barriers to reducing construction and demolition waste in Manitoba. The project proposed to target Construction and Demolition (C&D) material handlers, contractors, designers, demolition companies, and municipalities within the Capital Region. The project has been focused on identifying barriers to construction and demolition (C&D) waste reduction and recycling, undertaking pilot/demonstration projects to address the barriers, and sharing the results with other association members. The goal of the project was to develop consensus around long-term sustainable solutions based on the projects' achievements. Activities implemented will assist in the diversion of C&D materials from landfill. The project is complete and the final report is on file.

RECYCLING OF ASPHALT ROOFING SHINGLES

Proponents Are: Roof to Road Recycling Inc.
Date Approved: April 27, 1999
Total Amount Approved: $ 18,350.00
Total Amount Expended: $ 18,350.00
Administered By: Manitoba Conservation

Summary:

Roof to Road Recycling is undertaking a research project to assess the potential for leachate from ground asphalt shingles, as well as the methods and costs of recovering oil from used asphalt shingles. The scope of work is being undertaken in two phases. Phase I will focus on a literature review to determine the use of used ground asphalt shingles in road stabilization, as well as the potential of environmental impacts from the leachate (leachate tests will be conducted on ground shingles). Phase II will focus on a literature review of the different methods and costs of recovering the oil from used shingles. Findings from both phases are to be outlined in a comprehensive report, that will include a bibliography of the papers, books and reports reviewed.

SUSTAINABLE DEVELOPMENT AND GREENING OF THE 1999 PAN AM GAMES, YEAR 3

Proponents Are: Pan Am Games Environment Sub-Committee
Date Approved: February 8, 2000
Total Amount Approved: $ 6,250.00
Total Amount Expended: $ 6,250.00
Administered By: Manitoba Conservation

Summary:

Funding of $6,250.00 was approved for the third and final year of a three-year project, to assist with expenses of an Environmental Coordinator for the 1999 Pan Am Games. The Pan Am Games Environment Sub-Committee hired a Coordinator to serve as the central organizer for activities related to promoting sustainable development and the greening of the Pan Am Games. The Coordinator was involved in a number of activities in support of implementing an environmental management system for the Games: development and implementation of a "Games Environmental Master Plan"; working cooperatively with other divisions of the planning and operations; and working with community groups and organizations in the development of projects that would assist with the implementation of environmental programs. The project is complete and a final report is on file.

BROAD ALLOCATIONS

LISTING OF PROJECTS ALLOCATED FUNDING

DURING THE 1999/2000 FISCAL YEAR

Number of Projects: 2

Total Expended: $ 198,356.74

Project Name	Total Expended
Environmental Industries Development Initiative (EIDI)	$ 10,010.00
Environmental Youth Corps (EYC) Program	$ 188,346.74

BROAD ALLOCATIONS

DETAILED LISTING OF PROJECTS ALLOCATED

FUNDING DURING THE 1999/2000 FISCAL YEAR

ENVIRONMENTAL INDUSTRIES DEVELOPMENT INITIATIVE (EIDI)

The Department of Industry, Trade and Mines has been allocated up to $250,000.00 annually to administer the Environmental Industries Development Initiative (EIDI). In 1991, Treasury Board authorized the delegation of approval authority to the Minister of Industry, Trade and Mines for individual grants up to maximum of $25,000.00 each on a 50/50 basis, with a limit of one project per company per year. Eligible projects include: feasibility studies; the development of new products, processes, technologies or markets; demonstration projects and special projects. Funds are allocated from the Sustainable Development Innovations Fund. The EIDI broad allocation of $250,000.00 for the 1999/2000 fiscal year was approved January 12, 1999. During the 1999/2000 fiscal year, EIDI approved two projects totaling $10,010.00.

EIDI SUMMARY

	Total Allocated $250,000.00
New Projects Approved in 99/00	**Total Expended as of March 31/00**
Non-Wood Pulp	$ 8,760.00
Waste Management	$ 1,250.00
Total Expended	**$ 10,010.00**

Brief descriptions of the two new projects approved under the EIDI Program during the 1999/2000 fiscal year are as follows:

NON-WOOD PULP

Proponents Are: 3448746 Canada Ltd.
Date Approved: October 27, 1998
Total Amount Approved: $ 8,760.00
Total Amount Expended: $ 8,760.00

Summary:

The proponents are examining the feasibility of establishing a non-wood paper mill facility in Manitoba. The facility would utilize agricultural crop residues for the production of pulp and paper products. EIDI funding is being used to conduct further research into product development aspects of the project.

WASTE MANAGEMENT

Proponents Are: Environmental Waste Reduction and Management (Manitoba) Ltd.
Date Approved: June 14, 1999
Total Amount Approved: $1,250.00
Total Amount Expended: $1,250.00

Summary:

The proponents have developed, patented and implemented a unique system for processing and recycling municipal solid waste. EIDI funding was approved to assist in the development of a business plan necessary to raise the capital required to fully develop the business.

ENVIRONMENTAL YOUTH CORPS (EYC) PROGRAM

Proponents Are: Manitoba Conservation
Date Approved: January 12, 1999
Total Amount Approved: $200,000.00
Total Amount Expended: $188,346.74
Administered By: Manitoba Conservation

Summary:

The Environmental Youth Corps (EYC) has provided Manitoba's young people with an opportunity to prepare for environmental challenges of tomorrow by helping them gain valuable education and experience today. EYC encourages youth to volunteer within their community for projects to improve and protect Manitoba's environment. The EYC program allows youth the opportunity to be involved in a variety of environmental activities that may otherwise not occur. The EYC program has demonstrated the government's commitment of increasing the opportunities for young people to be involved in environment-related activities, and to further the commitment of environmental protection and education for youth.

Environmental projects eligible for funding to a maximum of $5,000.00 include (but are not restricted to): water quality, waste minimization (recycling, composting, etc.), protection of flora and fauna, rehabilitation and conservation of the natural environment, wildlife conservation and habitat preservation.

EYC SUMMARY

Total Allocation for 1999/2000	**$200,000.00**
Applications Processed	94
Applications Approved	67
Applications Deferred	1
Applications Declined	24
Applications Withdrawn	2
Number of Youth Involved	4,344
Total Amount for Grants Approved	$133,387.00
Total Amount for Grants Expended	$132,471.76
Administration Costs (travel, printing, promotion, Coordinator's salary)	$ 55,874.98
Total Amount Expended	$188,346.74

Brief descriptions of the 67 projects approved under the EYC program during the 1999/2000 fiscal year are as follows:

WINNIPEG REGION

Tec Voc High School in partnership with Omand's Creek will involve up to 100 youths in the restoration of Omand's Creek. The Senior One students will observe the biotic and abiotic characteristics of the stream to restore the stream and its banks to its natural state, with the planting of indigenous vegetation. *Approved $1,500.00*

Margaret Park School will involve 250 youths in the development of an outdoor classroom/community park on their school grounds. The youths will plant indigenous trees such as Silver maple, Highbush cranberry, Nanking cherry, honeysuckle and saskatoon. Youths will also participate in planting of shrubs, perennials, annuals, and vegetables. *Approved $2,000.00*

Springfield Habitat Conservancy (Oakbank, MB) will involve up to 100 youths in the development of a habitat yard. The youths will create interpretative signs for the habitat yard, construct birdhouses and maintain the area by weeding the ground and collecting garbage. Over the summer, youths will transplant over 200 conifers to the yard. *Approved $2,500.00*

Oak Bluff School Grounds Committee will involve up to 200 youths in the enhancement of the school grounds. Youths will participate in the collection of refuse and debris, install birdhouses and feeders and plant a vegetable garden. Indigenous vegetation such as native birch, Manitoba maple, basswood, Nanny berry, Buffalo berry and Red Osier dogwood will also be planted. *Approved $2,600.00*

Metis Child and Family Support Services will involve youths in a community rehabilitation project. Youths will plant and maintain a community garden, and participate in a community composting project. *Approved $775.00*

Providence Reformed Church will involve up to 22 youths in a community enhancement project. The youths will participate in a clean up of the area surrounding the community waste disposal site. *Approved $200.00*

St. Paul's Collegiate will involve 8 youths in a variety of environmental projects. The youths will plant grass to establish a prairie grass plot, remove debris from the Elie dam to enhance the area, construct bins to assist in the continuance of their recycling program and continue to foster the presence of wildlife by developing habitats and constructing bat houses. *Approved $820.00*

Simkin Middle School will involve over 800 youths in their project "Greenhouse Plants". Youths will assist in planting perennials in their newly established greenhouse. In the spring of 2000, a number of the plants will be transplanted outside to enhance and beautify the schoolyard. *Approved $500.00*

EASTERN-INTERLAKE REGION

Balmoral Home and School Association will involve 148 youths in the development of an outdoor classroom. The youths will plant perennial and annual flowers such as Black-eyed susan, Indian grass, wild mints, wild roses, shrubs and Green ash, Manchurian ash and Blue willow trees.
Approved $2,750.00

Riverton-Bifrost Parks and Recreation Commission will involve up to 30 youths in a riverbank and park clean up project. The youths will plant and maintain the flower beds at the Community Park and will participate in the creation of green space. *Approved $400.00*

Blumenort Parent Advisory Council (Steinbach, MB) will involve 30 youths in a "Driveway Beautification Project". The youths will plant trees along the boulevard of a driveway that is shared by the Blumenort School, the Blumenort Park and a residential area. *Approved $2,250.00*

Stony Mountain School will involve up to 40 youths in the creation of a butterfly garden. The youths will participate in planting, maintaining and weeding the perennials chosen for this project.
Approved $2,800.00

Edward Schreyer School (Beausejour, MB) will involve up to 20 youths from the Agassiz Science Klub (ASK) in the completion of the Mars Hills Management Area project. Youths will work on completing a hiking trail, developing informational signage, and constructing refuse containers to be placed along the trail. *Approved $3,822.00*

Rockwood Environmental Action Community Taskforce (REACT) (Stonewall, MB) will involve up to 20 youths in an environmental enhancement project. Youths will assist in developing the Tall Grass Prairie site, as well as backyard composting. *Approved $3,500.00*

Red Sucker Lake School will involve up to 20 youths in the Pa-Me-Nun A-Ka ("Taking Care of our Earth") Project. The youths will plant trees, undertake a community beautification project and promote the concept of conservation. *Approved $1,500.00*

Little Grand Rapids School will involve nine youths in the clean up of a community trail. The youths will remove debris and garbage from the beach, trim wooded areas to create a picnic area, construct a walking trail, and plant trees along the schoolyard. *Approved $350.00*

Brokenhead River Recreation Commission (Beausejour, MB) will involve 6 youths in the enhancement of the Beausejour Community Park. The youths will assist in clearing the trail, posting information signs, planting trees and placing refuse containers along the trail. *Approved $1,000.00*

Association for Community Living will involve 6 youths in a community-recycling project. The youths will assist in the construction of a new recycling drop off centre for the Rural Municipality of Brokenhead. *Approved $2,895.00*

Niverville Elementary School will involve over 300 youths in a school yard beautification project. Youths will assist in planting shrubs, trees and flowers to enhance the schoolyard. Plants identified for planting include ivy, shrubs, lilacs, potentilla, dogwood and daylilies. *Approved $1,700.00*

Gimli High School will involve 20 youths in their project Gimli Elm Survey – Phase II. This phase of the project will expand to adjacent areas within the municipality: Centre Street West, Aspen Park, Shorepointe Village, Vesturland, Gimli Cemetery and Pelican Beach Golf Course. Youths will record measurements of trees and map their locations, as well as develop public educational materials for distribution in partnership with the Town and Rural Municipality. Youths will also be involved in a tree-planting project to create an arboretum of Manitoba trees. *Approved $250.00*

Arborgate School will involve 155 youths in a schoolyard enhancement and beautification project. Youths will assist in building a composter and flower boxes, and will plant flowers, trees and shrubs to beautify the schoolyard. *Approved $1,000.00*

SOUTH-CENTRAL REGION

Gladstone Elementary School will involve up to 200 youths in a beautification and rehabilitation project of their schoolyard. The youths will dig holes, plant and nurture trees, such as: Fall Gold Black ash and Thunder Child crab. *Approved $770.00*

Morden Collegiate will involve up to 50 youths in a "Green Day". Four students will co-ordinate this one day that will involve youth in a town clean up and a community tree-planting project. *Approved $700.00*

Letellier Committee will involve 10 youths in the "Color It Green" project. This project will create greenspace in a deserted lot to attract birds, insects and small animals. The youths will plant shelter trees, berry trees, shrubs, flowers and grass. *Approved $4,472.00*

Baldur School will involve 117 youths in a schoolyard beautification and tree-planting project. The students will construct a shelterbelt with trees to help create a new habitat and nesting site for birds. *Approved $2,000.00*

Town of Gladstone will involve up to 30 youths in the completion of William's Park Nature Trail. Youths will participate in widening and clearing the path south of the #16 Highway. The local 4-H group also will participate by constructing signage and placing wire-structured duck nests throughout the park. *Approved $2,915.00*

Town of Gretna will involve up to 15 youths in a tree-planting project to enhance and develop a public park and a campground site. The youths will participate by planting trees, weeding, and mulching the area. *Approved $2,033.00*

Swan Lake First Nation will involve 16 youths in a community enhancement project. Youths will participate in recycling and tree-planting activities. *Approved $3,300.00*

Roland School will involve 67 youths in a school beautification project. Youths will assist in the rehabilitation of the school ground by planting shrubs such as Prairie Joy rose, Little Leaf lilac, yellow potentilla and Gold Flame spirea. *Approved $350.00*

The Plum Coulee & District Chamber of Commerce and the Plum Coulee School Advisory Council will involve up to 200 youths in the development of a community nature walk which will include interpretative signage. Youths will plant trees and bushes, construct and set up birdhouses and clean up the area surrounding the local waterway. *Approved $5,000.00*

William Morton Collegiate Institute (Gladstone, MB) will involve 40 youths in a community beautification and enhancement project. Youths will plant trees to create a shelterbelt around the school grounds. Trees such as ornamental crab and "loose root" Norwest poplar will be planted. *Approved $815.00*

Northeast Portage Community Development Committee Inc. will involve up to 25 youths in an environmental enhancement project. The youths will be actively involved in planting trees around the Community Resource Centre. *Approved $1,104.00*

Pembina Valley Conservation District (Escarpment Wayside Park) will involve 25 youths in enhancement and beautification of Escarpment Wayside Park. Youths will assist with seeding of new grass, planting trees, and preparing the site as a rest area. Youths will also participate in cleaning 5 to 7 km of highway on either side of the park. *Approved $1,422.00*

Pembina Valley Conservation District (Swan Lake Village) in partnership with Westmount School Complex will involve 50 youths in a community enhancement project. Youths will assist in a number of activities including building planters, creek stabilization, and mounting of duck nesting structures throughout the area. *Approved $1,150.00*

NORTHERN REGION

Pikwitonei Community Council will involve up to 50 youths in an environmental enhancement project. Youths will assist in the construction and maintenance of existing recycling facilities, the development of a nature trail and the clean up of the riverbank. *Approved $2,500.00*

Many Faces Education Centre Youth Initiatives Program (Flin Flon, MB) will involve 15 youths in the development of green space in the downtown area. Youths will participate by determining which vegetation to plant, planning and implementing their project design. *Approved $3,800.00*

Cormorant Community Council will involve up to 20 youths in a community rehabilitation project. Youths will participate by building birdhouses and planting flowers throughout the community. *Approved $462.00*

Brochet Community Council will involve up to 20 youths in a riverbank clean up of the Cochrane River and surrounding area. Youths will assist in the clean-up, place garbage cans in suitable areas and create signage to keep the area clean. *Approved $2,500.00*

The Pas Community Bike Path Committee will involve 10 youths in the development of a walking path along the Saskatchewan River. The youths will assist in the development of "Pocket Parks" where trees and shrubs will be planted. *Approved $5,000.00*

Grand Rapids First Nation Health Authority will involve up to 12 youths in the enhancement of Maytahway Park. The youths will plant trees and remove debris from the riverbank. *Approved $1,570.00*

Thompson Boys and Girls Club will involve up to 30 youths in an environmental rehabilitation project. The youths will participate in recycling drives that will provide the whole community with the opportunity to recycle. *Approved $3,900.00*

PARK-WEST REGION

St. Augustine School (Brandon, MB) will involve up to 220 youths in a schoolyard beautification and enhancement project. The youths will assist in building 8 permanent raised flowerbeds and planting perennials. As well, rose bushes and Colorado Blue spruce trees will be planted in the front schoolyard. *Approved $764.00*

Brookdale Elementary School will involve up to 60 youths in the development of a wildlife interpretative area along the perimeter of their schoolyard by assisting with the development of a nature trail, the construction of flower boxes, and planting trees and flowers. *Approved $1,350.00*

Spence Lake Recreation Commission will involve 6 youths with their project "Spend Time Outdoors in Spence Lake". Youths will assist with the development of a multi-purpose trail, clean–up ditches and roads and care for existing trees and flowers planted in previous years. *Approved $2,937.00*

Pierson Environmental Group will involve up to 18 youths in a community enhancement and rehabilitation project. Youths will participate in the restoration of stream banks, enhancement and maintenance of the school tree nursery, and restoration of an area of prairie grassland. *Approved $4,000.00*

Alonsa Conservation District will involve 20 youths in a conservation project. Youths will transplant spruce and jack pine seedlings from municipal and provincial ditches, as well as build 40 bluebird boxes and 6 mallard nesting tunnels. *Approved $665.00*

Neelin High School (Brandon, MB) will involve up to 18 youths in an urban renewal project. Youths will plant 200 trees throughout the City of Brandon to provide shelter, shade and greenery for the community. *Approved $2,500.00*

Bellsite Community Centre (Birch River, MB) will involve 35 youths in a community enhancement project. Youth will assist in cleaning the streets and ditches. The youths will clean up the community, as well as collect recyclables and bring them to the nearest recycling centre. *Approved $200.00*

Tootinaowaziibeeng Treaty Reserve will involve 32 youths in a community clean up project. Youths will remove garbage from ditches, and sort material collected for recycling. *Approved $2,640.00*

Meadow Portage Recreation Commission will involve up to 14 youths in a beautification and enhancement project of the community park. Youths will participate in a community-recycling project, as well as plant trees and grass. Trees identified for planting include chokecherry, Scotch pine, Colorado spruce, and Acute willow. *Approved $3,020.00*

Killarney Beautification Committee will involve 50 youths in the development of a park in the downtown area. The youths will plant spruce and pine trees, Schubert chokecherry trees and Mountain ash trees. Bird baths and houses for martens and bluebirds will also be constructed. *Approved $2,000.00*

Birtle in Bloom will involve 10 youths in the development of a walking trail that will link the town and the community park. Youths will plant trees along the trail and help in the construction of the trail itself. *Approved $3,650.00*

Town of Russell will involve 12 youths in the development of a natural entrance to the community park. Youths will transplant trees to the two boulevards preceding the entrance of the park.
Approved $4,850.00

Brandon Family YMCA will involve over 1,000 youths in a variety of environmental activities that will help the youth learn about the environment by participating in a tree planting and recycling project.
Approved $800.00

Crane River Recreation Commission will involve up to 12 youths in the development of a multi-purpose nature trail and beach clean up and revitalization project. *Approved $2,412.00*

Inglis District Community Club will involve up to 50 youths in an environmental rehabilitation project. Youths will assist in restoring the Inglis Asessippi Beach by cleaning the river bank and beach area, as well as planting trees. In addition, the youths will assist in the development of a hiking trail along Bear Creek. *Approved $2,642.00*

Midwest Recreation District (Hamiota, MB) will involve up to 60 youths in a community enhancement project. Youths will assist in extending existing trails by two miles. In addition, the youths will beautify the town by choosing an area that needs to be rehabilitated, as well as constructing birdhouses for placement throughout the community. *Approved $3,290.00*

Linden Lanes School (Brandon, MB) will involve 57 youths in a community enhancement project. The youths will participate by cleaning the creek, its banks and the surrounding area of refuse and debris. *Approved $450.00*

Intermountain Conservation District (Dauphin, MB) will involve 16 youths in the restoration and clean up of two stream bank sites. The No. 50 Lieutenant Colonel Barker V. C. Air Cadet Squadron in partnership with the Dauphin Air Cadets, the Dauphin Joint Recreation Commission and Manitoba Hydro will haul and spread soil, seed grass and plant 300 trees such as Green ash, Assiniboine poplar, chokecherry and spruce. *Approved $510.00*

Red Deer Lake Council will involve 13 youths in a community enhancement project. Youths will assist in cleaning the lakeshore and planting trees and flowers in the local park. *Approved $2,000.00*

Camperville Community Council will involve 13 youths in an environmental rehabilitation project. Youths will participate in cleaning the community and assist in rehabilitating an area that has been effected by water erosion. *Approved $650.00*

Waywayseecappo Education Authority Inc. will involve 4 youths in a community rehabilitation project. Youths will develop, dig out and prepare planting beds and plant native plants. In addition, a brochure about the indigenous plants will be developed and distributed to the community school.
Approved $1,500.00

Dauphin Beach Committee will involve 15 youths in an environmental rehabilitation project. Youths will clean up the area surrounding Dauphin Beach and construct refuse containers. *Approved $1,500.00*

The Town of Souris Beautification Committee will involve 30 youths in a community enhancement project. Youths will assist in the development of green space by preparing the site, and planting vegetation. *Approved $1,500.00*

Sioux Valley Dakota Nation will involve up to 25 youths in an environmental enhancement project. Youths will plant trees, undertake a community clean up project and set up recycling bins throughout the community. *Approved $3,680.00*

Youth Outreach Centre (Ste. Rose du Lac, MB) will involve 6 youths in an environmental enhancement project. Youths will assist in clearing the area of debris, and constructing trails. In addition, the youths will develop a flower garden and install refuse containers. *Approved $2,162.00*

Kenton School will involve 54 youths in a beautification and clean up project. Youths will assist in building flowerbeds, as well as transplanting trees previously planted in the schoolyard to new locations. Following the tree transplanting, youths will fill in the barren areas with soil and seed the disturbed areas with grass. *Approved $840.00*

TAX EQUIVALENCY GRANTS

1990/2000 FISCAL YEAR

Number of Projects: 2

Total Amount Expended: $ 526,400.70

Project Name	Total Expended
Manitoba Product Stewardship Program	$ 373,143.90
Used Tire Stewardship Program	$ 153,256.80

TAX EQUIVALENCY GRANTS

1999/2000 FISCAL YEAR

Effective April 1, 1995, two arm's length from government corporations were established by regulation to manage and operate the Tire Stewardship program and the Manitoba Product Stewardship Program. *The Waste Reduction and Prevention (WRAP) Act*, Manitoba Regulations 33/95 and 39/95 establishes WRAP levies on the sale of new products, which has led to the collection of Retail Sales Tax on the WRAP levies paid.

MANITOBA PRODUCT STEWARDSHIP PROGRAM

Proponents Are: Manitoba Product Stewardship Corporation
Total Allocation: $450,000.00
Total Amount Expended: $373,143.90

Summary:

Under *The Multi-material (Interim) Measures Stewardship Regulation* (M.R. 39/95), a two cent WRAP levy is paid by beverage container stewards to the Manitoba Production Stewardship Corporation (MPSC). A high percentage of these containers are subject to the Retail Sales Tax. Based on product data and sales reported to the MPSC, the PST on the WRAP levy is paid to the MPSC via the Sustainable Development Innovations Fund. Payments to the MPSC are made on a quarterly basis, based on container sales information supplied by the MPSC. The MPSC utilizes these funds for the purpose of program delivery.

USED TIRE STEWARDSHIP PROGRAM

Proponents Are: Tire Stewardship Board
Total Allocation: $150,000.00
Total Amount Expended: $153,256.80

Summary:

Under *The Tire Stewardship Regulation* (M.R. 33/95), a per tire WRAP levy of $2.80 is applied to all new tire purchases. In addition, a 20 cent PST is applied to the WRAP levy, making the total payment $3.00 per tire. The WRAP levy portion is collected via the Taxation Division of Manitoba Finance and remitted to the Tire Stewardship Board. The PST on the WRAP levy is paid to the Tire Stewardship Board via the Sustainable Development Innovations Fund. Payments to the Tire Stewardship Board are made on a quarterly basis, based on tire sales information supplied to the Tire Stewardship Board by the Department of Finance. The Board utilizes these funds for the purpose of program delivery.

PROJECTS FROM PREVIOUS YEARS

WITH CARRYOVER AUTHORITY

IN THE 1999/2000 FISCAL YEAR

Number of Projects: 27

Total Expended: $ 324,326.15

Project Name	Total Expended
EDUCATION	
Establishment of the Alliance Manitoba Technical Assistance for Pollution Prevention (TAPP) Office	$ 50,000.00
Production of an Educational Video on Hog Operations in Manitoba	$ 0.00
Showcasing Manitoba's Technology	$ 0.00
Support for Conservation Atlas of Temperate and Boreal Forests	$ 5,085.00
ENERGY CONSERVATION/SUPPLY	
Use of Advanced Microturbines for Energy Efficient Odour Control	$ 25,000.00
NATURAL ENVIRONMENT	
Brown Fields to Bioreserves	$ 42,500.00
Manitoba Zebra Mussel Activities	$ 4,338.52
Petroleum Storage Tank Program	$ 0.00
Sherridon Minesite Rehabilitation Project	$ 0.00
SUSTAINABLE AGRICULTURE	
Advanced Building Composite from Annual Fibres	$ 0.00
Application of Aspen Bark on Agricultural Land	$ 0.00
Demonstration of the Performance of Three-Stage Swine Waste Treatment Technology in Manitoba	$ 36,000.00
Feasibility Plan for a Non-Wood Pulp and Paper Mill	$ 25,000.00
Fibre and Oilseed Hemp Evaluation	$ 503.61
Grande-Clairiere Irrigation Project	$ 0.00
Growing Prospects Inc.	$ 9,867.02

Project Name	Total Expended	
SUSTAINABLE DEVELOPMENT POLICY		
Consultation on Sustainable Development Implementation (COSDI)	$	12,162.06
Draft Strategy for the Development of the Provincial Sustainability Indicators and Year 2000 Interim Sustainability Report	$	9,343.20
Public Consultations for Fisheries and Wildlife Sustainable Development Strategies	$	48,123.97
Manitoba Science Fair Sustainable Development Award	$	300.00
Manitoba Youth Round Table	$	1,819.12
URBAN/COMMUNITY ENVIRONMENT		
Ecovillage at the Forks: Phase II	$	2,222.77
Gateway Green	$	2,727.34
Gateway Green Phase II	$	4,512.60
Gateway Green Phase III	$	16,593.86
Trail Coordinator for the Establishment/Completion of the Manitoba Portion of the TransCanada Trail	$	7,801.20
WASTE MANAGEMENT		
Establishment of a Regional Waste Management Plan	$	20,425.88

DETAILED LISTING OF PROJECTS

FROM PREVIOUS YEARS WITH CARRYOVER AUTHORITY

IN THE 1999/2000 FISCAL YEAR

Projects listed below are those that were initially allocated funding from the Sustainable Development Innovations Fund in previous fiscal years, but had carryover authority for the 1999/2000 fiscal year. Project descriptions have been provided in previous Annual Reports.

EDUCATION

ESTABLISHMENT OF THE ALLIANCE MANTOBA TECHNICAL ASSISTANCE FOR POLLUTION PREVENTION OFFICE

Proponents Are:	Alliance of Manufacturers and Exporters Canada (Manitoba)
Date Approved:	June 10, 1998
99/00 Expenditures:	$ 50,000.00

PRODUCTION OF AN EDUCATIONAL VIDEO ON HOG OPERATIONS IN MANITOBA

Proponents Are:	Manitoba Conservation
Date Approved:	November 26, 1997
99/00 Expenditures:	$ 0.00

SHOWCASING MANITOBA'S TECHNOLOGY

Proponents Are:	Great Plains Initiative
Date Approved:	May 20, 1993
99/00 Expenditures:	$ 0.00
Total Amount Projected:	$ 8,154.78 (2000/2001 & beyond)

SUPPORT FOR CONSERVATION ATLAS OF TEMPERATE AND BOREAL FORESTS

Proponents Are:	The World Conservation Union (IUCN)
Date Approved:	October 28, 1998
99/00 Expenditures:	$ 5,085.00

ENERGY CONSERVATION/SUPPLY

USE OF ADVANCED MICROTURBINES FOR ENERGY EFFICIENT ODOUR CONTROL

Proponents Are:	Centra Gas Manitoba Inc.
Date Approved:	March 16, 1999
99/00 Expenditures:	$ 25,000.00

NATURAL ENVIRONMENT

BROWN FIELDS TO BIORESERVES

Proponents Are:	Fort Whyte Centre
Date Approved:	December 8, 1998/January 12, 1999
99/00 Expenditures:	$ 42,500.00

MANITOBA ZEBRA MUSSEL ACTIVITIES

Proponents Are:	Manitoba Conservation
Date Approved:	March 4. 1998
99/00 Expenditures:	$ 4,338.52
Total Amount Projected:	$ 2,158.73 (2000/2001)

PETROLEUM STORAGE TANK PROGRAM

Proponents Are:	Manitoba Conservation
Date Approved:	April 21, 1994
99/00 Expenditures:	$ 0.00
Total Amount Projected:	$ 33,028.53 (2000/2001 & beyond)

SHERRIDON MINESITE REHABILITATION PROJECT

Proponents Are:	Manitoba Industry, Trade and Mines
Date Approved:	March 4, 1998
99/00 Expenditures:	$ 0.00

SUSTAINABLE AGRICULTURE

ADVANCED BUILDING COMPOSITE FROM ANNUAL FIBRES

Proponents Are:	Advanced Fibre Technology Corp.
Date Approved:	July 28, 1993
99/00 Expenditures:	$ 0.00
Total Amount Projected:	$ 2,500.00 (2000/2001)

APPLICATION OF ASPEN BARK ON AGRICULTURAL LAND

Proponents Are:	Dani Watson
Date Approved:	May 6, 1998
99/00 Expenditures:	$ 0.00
Total Amount Projected:	$ 20,000.00 (2000/2001)

DEMONSTRATION OF THE PERFORMANCE OF THREE-STAGE SWINE WASTE TREATMENT TECHNOLOGY IN MANITOBA

Proponents Are:	DGH Engineering Ltd.
Date Approved:	September 2, 1998
99/00 Expenditures:	$ 36,000.00
Total Amount Projected:	$ 4,000.00 (2000/2001)

FEASIBILITY PLAN FOR A NON-WOOD PULP AND PAPER MILL

Proponents Are:	#3448746 Canada Ltd.
Date Approved:	September 2, 1998
99/00 Expenditures:	$ 25,000.00

FIBRE AND OILSEED HEMP EVALUATION

Proponents Are:	Manitoba Agriculture and Food
Date Approved:	June 6, 1996
99/00 Expenditures:	$ 503.61

GRANDE-CLAIRIERE IRRIGATION PROJECT

Proponents Are:	Souris Valley Irrigation Centre
Date Approved:	March 12, 1998
99/00 Expenditures:	$ 0.00
Total Amount Projected:	$ 63,780.00 (2000/2001)

GROWING PROSPECTS INC.

Proponents Are:	Growing Prospects Inc.
Date Approved:	March 4, 1998
99/00 Expenditures:	$ 9,867.02
Total Amount Projected:	$ 3,107.41 (2000/2001)

SUSTAINABLE DEVELOPMENT POLICY

CONSULTATION ON SUSTAINABLE DEVELOPMENT IMPLEMENTATION (COSDI)

Proponents Are:	Manitoba Conservation
Date Approved:	October 22, 1997
99/00 Expenditures:	$ 12,162.06

DRAFT STRATEGY FOR THE DEVELOPMENT OF THE PROVINCIAL SUSTAINABILITY INDICATORS AND YEAR 2000 INTERIM SUSTAINABILITY REPORT

Proponents Are:	Manitoba Conservation
Date Approved:	June 10, 1998
99/00 Expenditures:	$ 9,343.20
Total Amount Projected:	$113,409.64

PUBLIC CONSULTATIONS FOR FISHERIES AND WILDLIFE SUSTAINABLE DEVELOPMENT STRATEGIES

Proponents Are:	Manitoba Conservation
Date Approved:	September 2, 1998
99/00 Expenditures:	$ 48,123.97

MANITOBA SCIENCE FAIR SUSTAINABLE DEVELOPMENT AWARD

Proponents Are:	Manitoba Conservation
Date Approved:	January 24, 1995
99/00 Expenditures:	$ 300.00
Total Amount Projected:	$ 3,800.00 (2000/2001 & beyond)

MANITOBA YOUTH ROUND TABLE

Proponents Are:	Manitoba Conservation
Date Approved:	January 24, 1995
99/00 Expenditures:	$ 1,819.12
Total Amount Projected:	$ 381.64 (2000/2001)

URBAN/COMMUNITY ENVIRONMENT

ECOVILLAGE AT THE FORKS: PHASE II

Proponents Are:	Ecovillage Foundation Inc.
Date Approved:	September 2, 1998
99/00 Expenditures:	$ 2,222.77

GATEWAY GREEN

Proponents Are:	Manitoba Conservation
Date Approved:	February 2, 1994
99/00 Expenditures:	$ 2,727.34

GATEWAY GREEN PHASE II

Proponents Are:	Manitoba Conservation
Date Approved:	March 14, 1995
99/00 Expenditures:	$ 4,512.60

GATEWAY GREEN PHASE III

Proponents Are:	Manitoba Conservation
Date Approved:	May 2, 1996
99/00 Expenditures:	$ 16,593.86

TRAIL COORDINATOR FOR THE ESTABLISHMENT/COMPLETION OF THE MANITOBA PORTION OF THE TRANSCANADA TRAIL

Proponents Are:	Manitoba Culture, Heritage and Tourism and Manitoba Conservation
Date Approved:	October 28, 1998
99/00 Expenditures:	$ 7,801.20
Total Amount Projected:	$ 42,198.80 (2000/2001 & beyond)

WASTE MANAGEMENT

ESTABLISHMENT OF A REGIONAL WASTE MANAGEMENT PLAN

Proponents Are:	Manitoba Conservation
Date Approved:	June 23, 1998
99/00 Expenditures:	$ 20,425.88
Total Amount Projected:	$ 696.11 (2000/2001)

APPENDIX I

PRINCIPLES OF SUSTAINABLE DEVELOPMENT

1
INTEGRATION OF ENVIRONMENTAL AND ECONOMIC DECISIONS

Economic decisions should adequately reflect environmental, human health and social effects.

Environmental and health initiatives should adequately take into account economic, human health and social consequences.

2
STEWARDSHIP

The economy, the environment, human health and social well-being should be managed for the equal benefit of present and future generations.

Manitobans are caretakers of the economy, the environment, human health and social well-being for the benefit of present and future generations.

Today's decisions are to be balanced with tomorrow's effects.

3
SHARED RESPONSIBILITY AND UNDERSTANDING

Manitobans should acknowledge responsibility for sustaining the economy, the environment, human health and social well-being, with each being accountable for decisions and actions in a spirit of partnership and open cooperation.

Manitobans share a common economic, physical and social environment.

Manitobans should understand and respect differing economic and social views, values, traditions and aspirations.

Manitobans should consider the aspirations, needs and views of the people of various geographical regions and ethnic groups in Manitoba, including aboriginal peoples, to facilitate equitable management of Manitoba's common resources.

4
PREVENTION

Manitobans should anticipate, and prevent or mitigate, significant adverse economic, environmental, human health and social effects of decisions and actions, having particular careful regard to decisions whose impacts are not entirely certain but which, on reasonable and well-informed grounds, appear to pose serious threats to the economy, the environment, human health and social well-being.

5
CONSERVATION AND ENHANCEMENT

Manitobans should maintain the ecological processes, biological diversity and life-support systems of the environment;

harvest renewable resources on a sustainable yield basis;

make wise and efficient use of renewable and nonrenewable resources; and

enhance the long-term productive capability, quality and capacity of natural ecosystems.

6
REHABILITATION AND RECLAMATION

Manitobans should endeavour to repair damage to or degradation of the environment; and

consider the need for rehabilitation and reclamation in future decisions and actions.

7
GLOBAL RESPONSIBILITY

Manitobans should think globally when acting locally, recognizing that there is economic, ecological and social interdependence among provinces and nations and work cooperatively, within Canada and internationally, to integrate economic, environmental, human health and social factors in decision-making while developing comprehensive and equitable solutions to the problems.

GUIDELINES OF SUSTAINABLE DEVELOPMENT

1
EFFICIENT USE OF RESOURCES

which means encouraging and facilitating development and application of systems for proper resource pricing, demand management and resource allocation together with incentives to encourage efficient use of resources; and

employing full-cost accounting to provide better information for decision makers.

2
PUBLIC PARTICIPATION

which means establishing forums which encourage and provide opportunity for consultation and meaningful participation in decision making processes by Manitobans;

endeavouring to provide due process, prior notification and appropriate and timely redress for those adversely affected by decisions and actions; and

striving to achieve consensus amongst citizens with regard to decisions affecting them.

3
ACCESS TO INFORMATION

which means encouraging and facilitating the improvement and refinement of economic, environmental, human health and social information; and

promoting the opportunity for equal and timely access to information by all Manitobans.

4
INTEGRATED DECISION MAKING AND PLANNING

which means encouraging and facilitating decision making and planning processes that are efficient, timely, accountable and cross-sectoral and which incorporate an intergenerational perspective of future needs and consequences.

5
WASTE MINIMIZATION AND SUBSTITUTION

which means encouraging and promoting the development and use of substitutes for scarce resources where such substitutes are both environmentally sound and economically viable; and

reducing, reusing, recycling and recovering the products of society.

6
RESEARCH AND INNOVATION

which means encouraging and assisting the researching, development, application and sharing of knowledge and technologies which further our economic, environmental, human health and social well-being.

APPENDIX II

Sustainable Development Innovations Fund
Five Year Expenditure Summary ($000)
for years ending March 31, 1996 - March 31, 2000

APPROPRIATION	Actual/*Adjusted Expenditures				
	1995/96	1996/97	1997/98	1998/99	1999/00
Sustainable Development Innovations Fund	2,670.0	2,309.7	2,415.4	2,784.1	1,633.9
Total	2,670.0	2,309.7	2,415.4.	2,784.1	1,633.9

* Adjusted figures reflect historical data on a comparable basis in those appropriations affected by a reorganization during the years under review.